

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - REVISED

PERMITTEE

Hendrickson Bumper and Trim
Attn: Gary Smith
501 Caton Farm Road
Crest Hill, Illinois 60434

<u>Application No.:</u> 86010080	<u>I.D. No.:</u> 197025AAF
<u>Applicant's Designation:</u> JCOPA0186R	<u>Date Received:</u> September 6, 2005
<u>Subject:</u> Automotive Parts Manufacturing Plant	
<u>Date Issued:</u> January 4, 2006	<u>Expiration Date:</u> August 23, 2007
<u>Location:</u> 501 Caton Farm Road, Crest Hill	

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of five stamping presses, manual clean-up operations and four cold cleaning degreasers pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., 25 tons/year of volatile organic materials (VOM), 10 tons/year for a single hazardous air pollutant (HAP) and 25 tons/year for totaled HAPs). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits for this location.
2. This permit is issued based upon the cold cleaning degreasers being a subject to the operational and equipment requirements of 35 Ill. Adm. Code Part 218 Subpart E: Solvent Cleaning. The Permittee shall follow operating procedures and equipment requirements of Section 218.182.
- 3a. Solvent usage and VOM emissions from manual clean-up operations and four cold cleaning degreasers shall not exceed the following limits:

<u>Material</u>	<u>Usage</u> <u>(Gals/Mo)</u>	<u>Usage</u> <u>(Gals/Yr)</u>	<u>VOM Content</u> <u>(Lb/Gal)</u>	<u>VOM Emissions</u> <u>(Tons/Mo)</u>	<u>VOM Emissions</u> <u>(Tons/Yr)</u>
Clean-Up Alcohol	600	6,500	6.61	2.2	21.5
Degreasing Solvent	80	700	6.54	0.3	2.3

VOM emissions from clean-up and degreasing operations shall be calculated using the following formula:

$$E = (S_p \square C_p - S_s \square C_s) / 2,000$$

Where:

E - VOM emissions (tons/month, tons/year).

S_p - Amount of solvent purchased (gallons/month, gallons/year).

C_p - VOM content of purchased solvent (lbs/gallon).

S_s - Certified amount of solvent shipped-off for recycling or disposal (gallons/month, gallons/year).

C_s - Certified VOM content of solvent shipped-off (lbs/gallon).

- b. Lubricating oil usage and VOM emissions from five stamping presses shall not exceed the following limits:

<u>Material</u>	<u>Usage</u>		<u>VOM Content</u>	<u>VOM Emissions</u>	
	<u>(Gals/Mo)</u>	<u>(Gals/Yr)</u>	<u>(Lb/Gal)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
Lubricating Spray	40	440	4.0	0.1	0.9

- c. These limits define the potential emissions of the VOM and are based on the actual emissions determined from the maximum production capacity and maximum VOM content of the raw materials.
- d. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months.
4. The emissions of HAPs as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish by rule which would require the Permittee to obtain a Clean Air Act Permit Program permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a Clean Air Act Permit Program permit from the Illinois EPA.
- 5a. The Permittee shall maintain monthly records of the following items:
- i. The name and identification number of solvents used;
 - ii. The usage (gallons/month), density (lbs/gallon), VOM and HAP content (weight percent or lbs/gallon) of each solvent;
 - iii. The name and identification number of lubricating sprays used;
 - iv. The usage (gallons/month), density (lbs/gallon), VOM and HAP content (weight percent or lbs/gallon) of each lubricating spray; and
 - v. The emission of VOM and HAP for current month and total running

for last 12 months (tons/month, tons/year).

- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least five years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedances or violation and efforts to reduce emissions and future occurrences.
7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

It should be noted that this permit has been revised to reflect removal of two paint spray booths and parts washer.

If you have any questions on this permit, please call George Kennedy at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:GMK:psj

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission from the Automotive Part Manufacturing Plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario, which results in maximum emissions from such a plant. The resulting maximum emissions are below the levels, e.g., 100 tons per year of VOM, 10 tons per year for a single HAP, and 25 tons per year for totaled HAP at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that material is handled, and control measures are more effective than required in this permit.

<u>Operations</u>	E M I S S I O N S (Tons/Year)		
	<u>VOM</u>	<u>Single HAP</u>	<u>Combined HAPs</u>
Clean-Up Operations	21.5		
4 Cold Cleaning Degreasers	2.3		
5 Stamping Presses	<u>0.9</u>		
Total	24.7	<u>< 10</u>	<u>< 25</u>

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